

12/05/01

Case No. 72165DIRECTOR, U.S. PATENT AND TRADEMARK
OFFICE
WASHINGTON, DC 20231I HEREBY CERTIFY THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE U.S. POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE"
SERVICE UNDER 37 CFR 1.10 ON THE DATE
INDICATED BELOW AND IS ADDRESSED TO: BOX
PATENT APPLICATIONS, ASSISTANT
COMMISSIONER FOR PATENTS, PO BOX 2327,
ARLINGTON, VA 22202EXPRESS MAIL NO.: EL 846882224 USDATE OF DEPOSIT: December 5, 2001NAME: JoEllen MurphySIGNATURE: *JoEllen Murphy*J1040 U.S. PTO
10/005441Transmitted herewith for filing is the patent
application of:Inventor: **Martin GARZA, Joe LUNA, Mark Jefferies OGDEN, James Ernest OWEN,
James Denson WILSON, Jr.**For: **INJECTION OF SELECTED NUMBERS OF ERRORS IN RETURNED LOOPBACK DATA
TO PROVIDE GRAY-SCALE TYPE QUANTIFICATION OF LOOP PERFORMANCE
MEASUREMENTS****Please note the following:**

- ☒ Patent Application: 15 pages, 12 claims.
☒ 5 sheets of drawings.
☒ The suggested drawing figure to be published is FIG. 1
☒ A declaration and power of attorney.
☒ Citation Under 37 CFR 1.97 and PTO-1449.
☒ Applicant qualifies as a small entity under 37 CFR § 1.27.
- Assignee info:
 Name: Adtran, Inc.
 Address: 901 Explorer Blvd., PO Box 140000, Huntsville, AL 35814
 State of Incorporation: Delaware
- ☐ Applicant claims priority benefit to the following foreign application(s):
 Country: *****
 Application No.: *****
 Filing Date: *****
- ☐ Applicant claims priority benefit to the following U.S. application(s):
 Application No.: *****
 Filing Date: *****

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA		RATE	FEE		RATE	FEE
BASIC FEE						\$ 355	OR		\$ 740
TOTAL CLAIMS	12	-20	0		X 9	\$	OR	X 18	\$
INDEP CLAIMS	2	-3	0		X 40	\$	OR	X 80	\$
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.					TOTAL	\$ ***		TOTAL	\$ 740

- ☒ Authorization is given to charge the Filing Fee in the amount of \$740.00 to Deposit Account 01-0484.
- ☒ Authorization is given to charge the Assignment Recordal Fee in the amount of \$40.00 to Deposit Account: 01-0484.
- ☒ The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.
- ☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD:
CHRISTOPHER F. REGAN**
- ☒ Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

December 5, 2001

CHARLES E. WANDS
Reg. No. 25,649